3/14/2000 PM
3/15/00 10:00 floater
WPI 3/19/00 AM

Tax ID - 02-339633

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513314

A 48047

DISTRICT

DATE 3/13/2000

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 3/15/00

INSPECTOR S.R.K.

D & W Excavating IS PERMITTED TO INSTALL X ALTER

ADDRESS 3033 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-2195

SUBDIVISION Burleigh Manor LOT 765 ROAD 10410 Queensway Drive

PROPERTY OWNER Roger Calvert

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED ~~168~~ 210

TRENCHES - Trench to be 2 feet wide. Inlet ~~3~~ (4) feet below original grade. Bottom maximum depth (8) feet below original grade. Effective area begins at 3 feet below original grade. (4) ~~5~~ feet of stone below distribution pipe.

LOCATION - Place the distribution box 110 feet from the front lot line and 95 feet from the left lot line. Run trenches along contour toward right side of property.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR

PLANS APROVED BY C. Williams/Amy McMillen DATE 5-27-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

BLDG. PERMIT SIGNED AND RETURNED 6/6/00
B00124365 Retaining wall

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

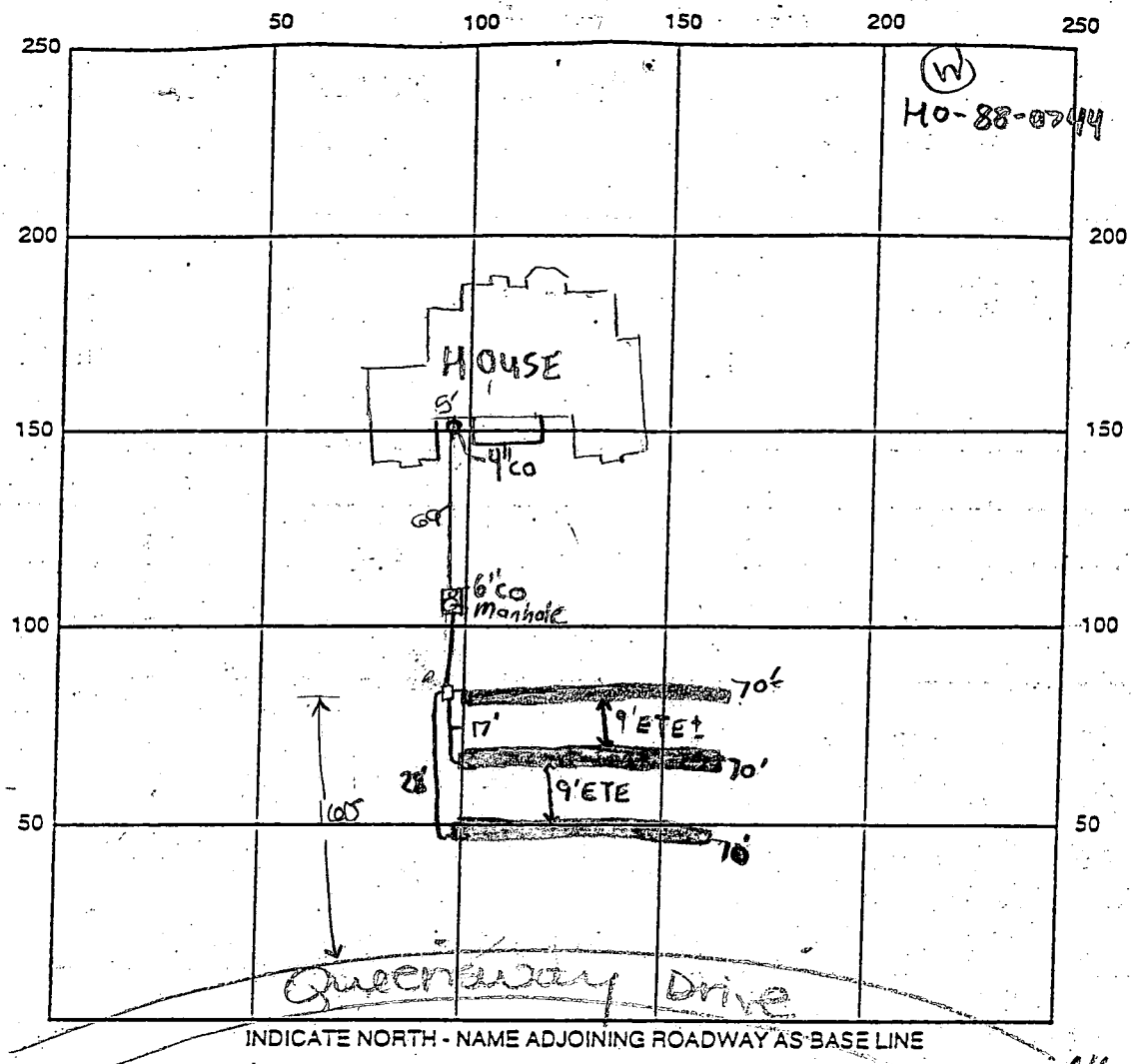
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(6-90)

V 48047



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS 4" one at house, one on sit. 6" manhole on sit.

DISTRIBUTION BOX LEVEL OK Baffle is in

DRAIN FIELD/TITLE DEPTH 8' FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 210 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL ~~BOTTOM AREA~~ 840 SQ. FT.

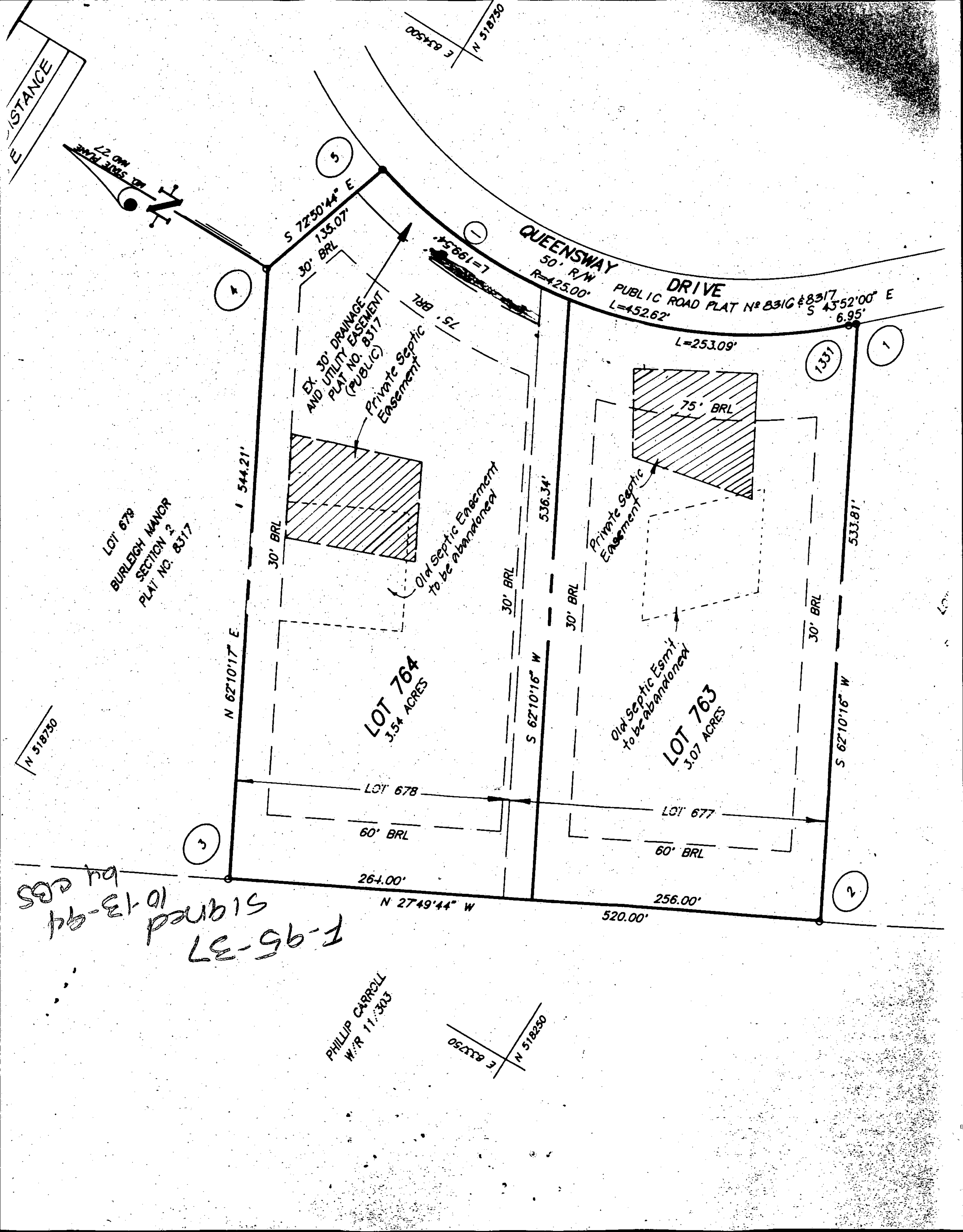
DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

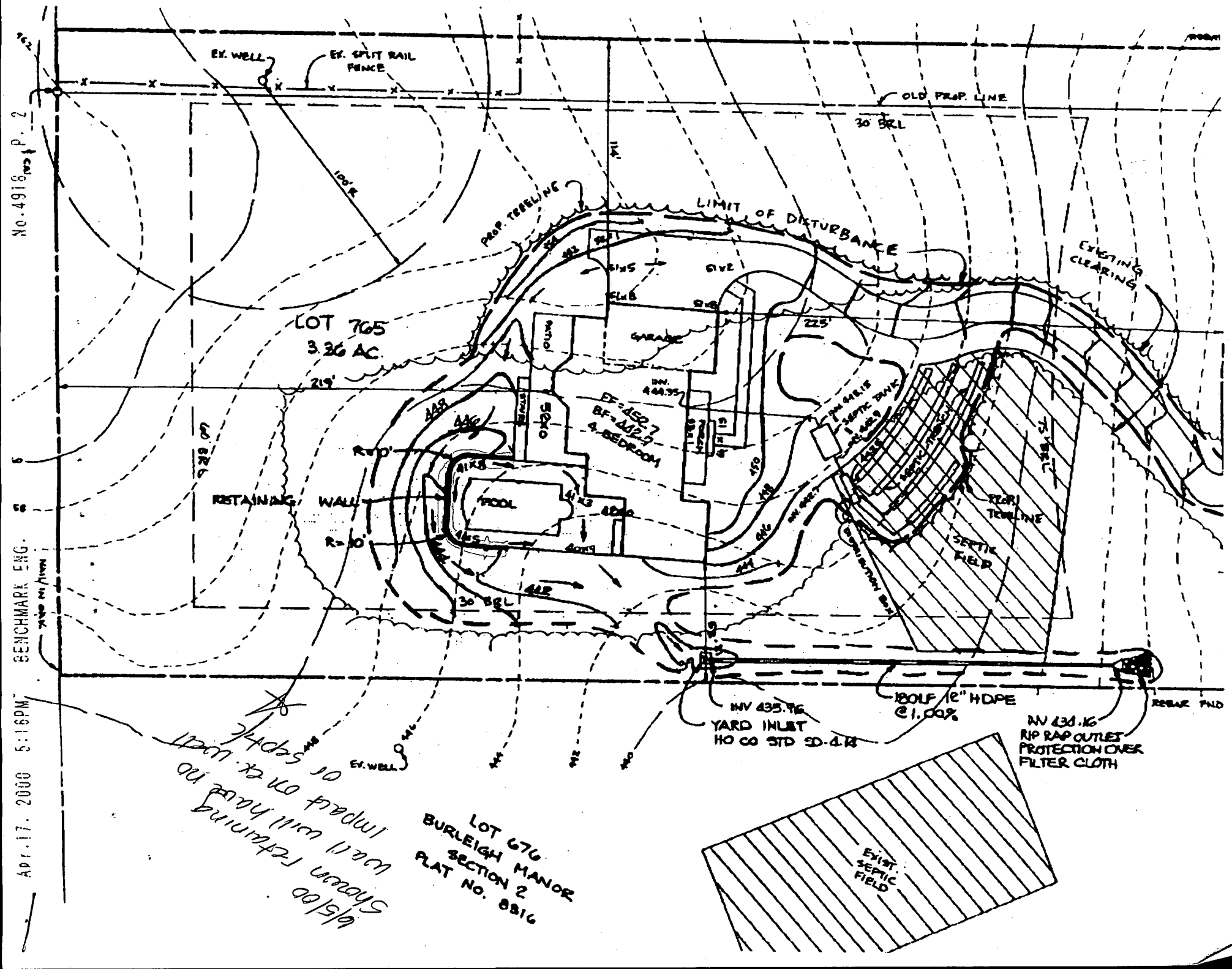
ABSORBENT AREA — SQ. FT.

REMARKS: 3/14/00 p.m. Plumbing exits house lower than approved (house raised 8", but pipe exits house below bsmt floor) I approved change in dist box location and revised exits. DKS 3/15/00 - OK TO CONTINUE WORK - SRW 3/15/00 - OK TO FINISH AND COVER ALL WORK SRW

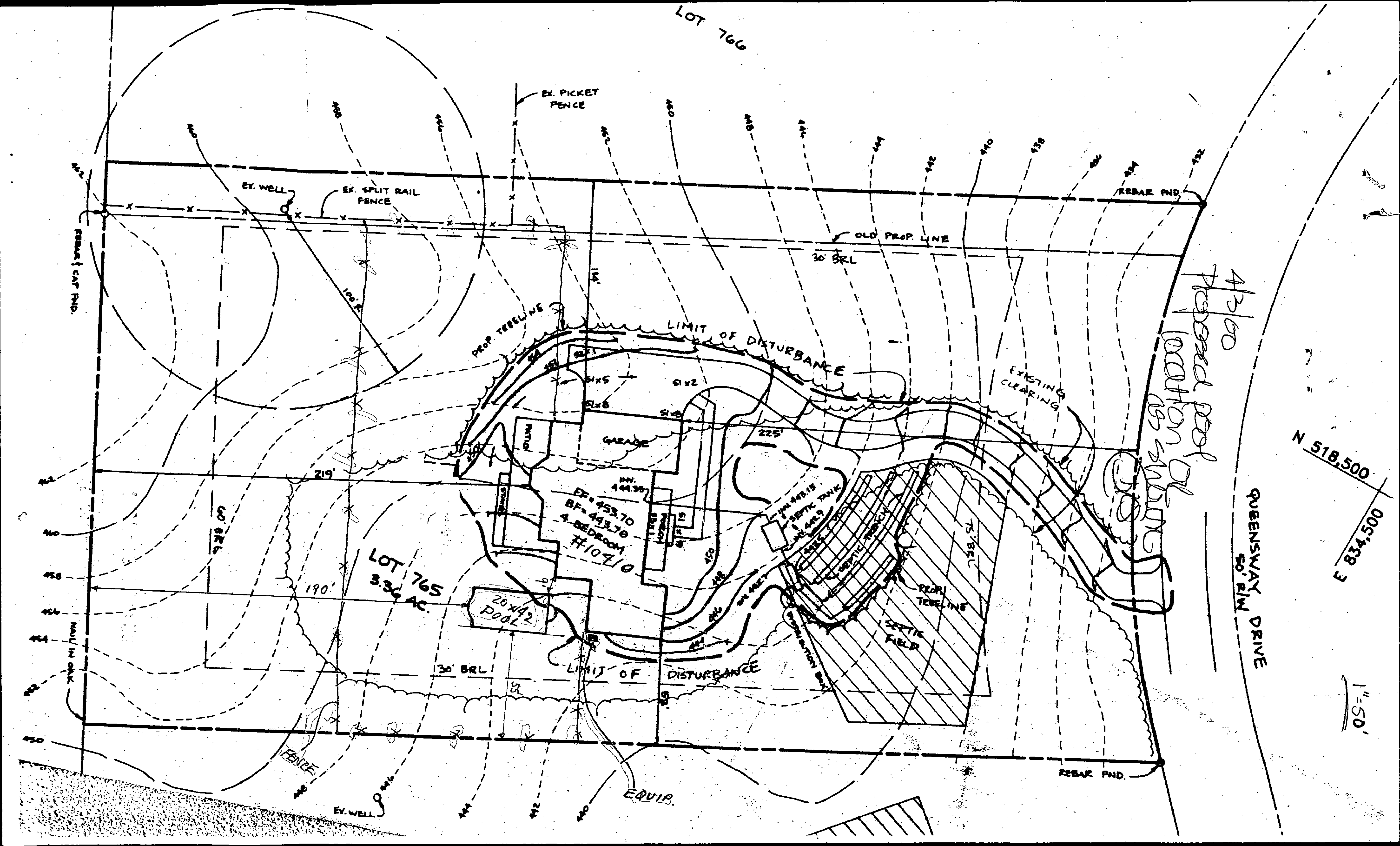
DATE SYSTEM APPROVED 3/15/00 INSPECTOR Steven R. Krieg

3/14/00 p.m. WPI - Well line 4' below grade; well casing 1' above grade; PVC conduit pipe ABS, 2pc cap OK. OK to cover. DKS

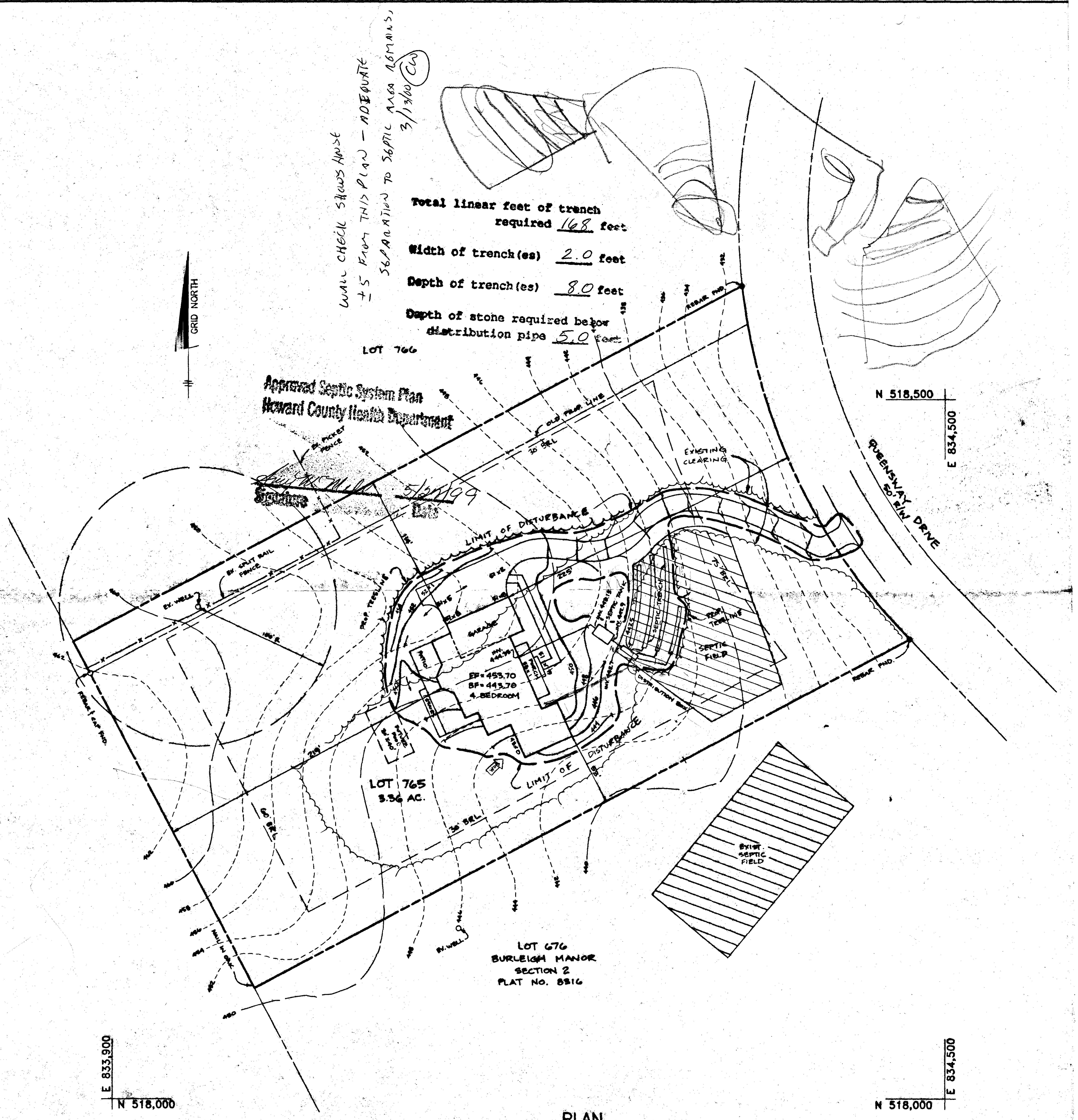

QUEENSWAY DRIVE
50' R/W
PUBLIC ROAD PLAT Nº 8316 & 8317
R=425.00'
L=452.62'
L=199.54'
L=253.09'
S 43°52'00" E
6.95'
S 72°50'44" E
135.07'
N 518750
E 834500
MD. STATE PLANE
NAD 27
N
EX. 30' DRAINAGE AND UTILITY EASEMENT PLAT NO. 8317 (PUBLIC)
Private Septic Easement
Old Septic Easement to be abandoned
30' BRL
75' BRL
60' BRL
LOT 764
3.54 ACRES
LOT 763
3.07 ACRES
Private Septic Easement
Old Septic Esm't to be abandoned
1331
N 62°10'17" E
544.21'
S 62°10'16" W
536.34'
S 62°10'16" W
533.81'
LOT 678
LOT 677
264.00'
256.00'
520.00'
N 27°49'44" W
LOT 679
BURLEIGH MANOR
SECTION 2
PLAT NO. 8317
PHILLIP CARROLL
W/R 11/303
N 518250
E 833750
1-95-37
Signed 10-13-94
by cgs



Apr. 17. 2000 5:16PM BENCHMARK ENG. No. 4916 P. 2



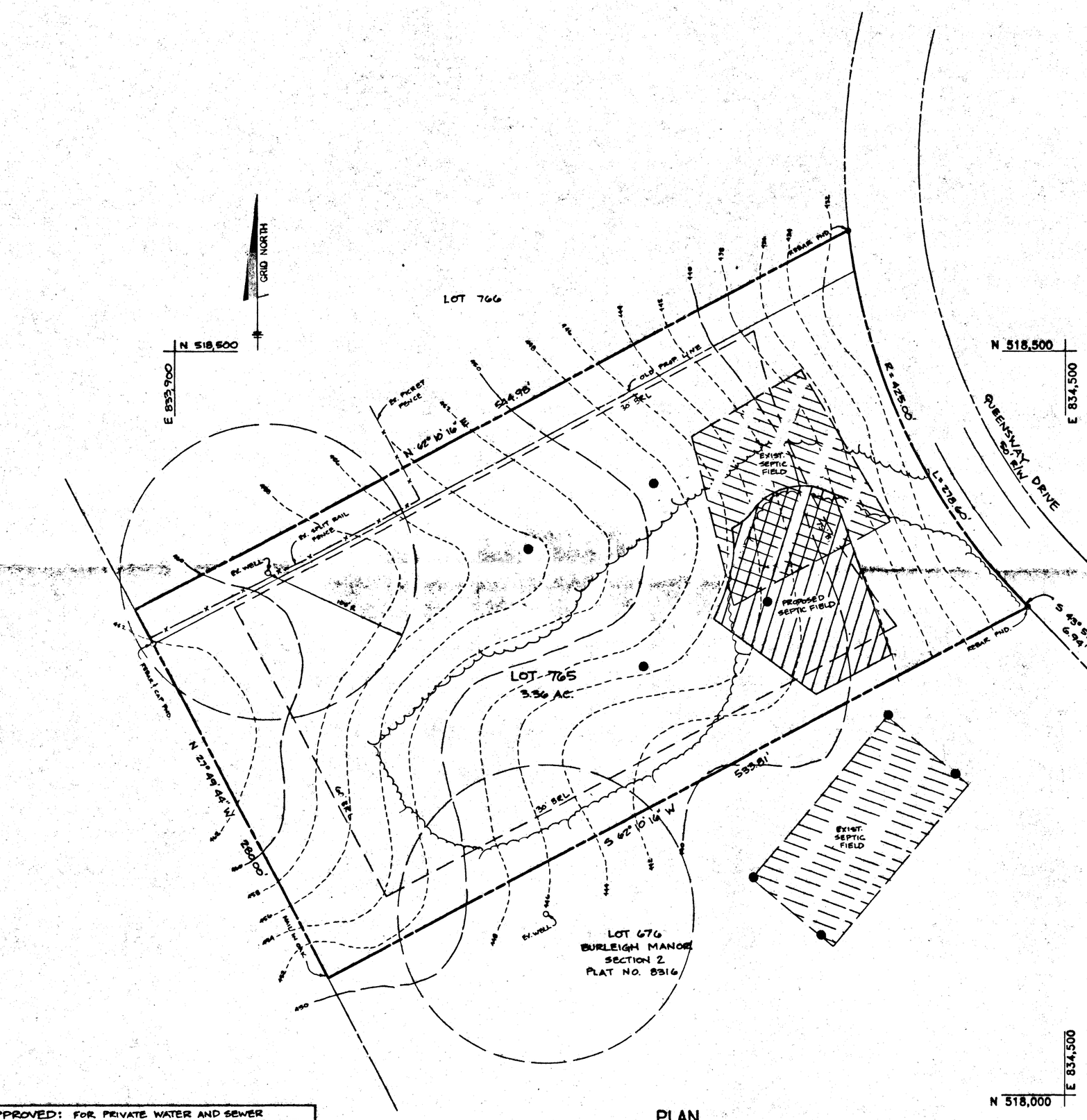
LOT 766
EX. PICKET FENCE
EX. WELL
EX. SPLIT RAIL FENCE
REBAR & CAP FND.
REBAR FND.
OLD PROP. LINE
30' BRL
100' R
114'
PROP. TREELINE
LIMIT OF DISTURBANCE
EXISTING CLEARING
PATIO
GARAGE
225'
219'
INN. 444.35
FF=453.70
BF=443.70
4 BEDROOM
#107/0
SEPTIC TANK
SEPTIC TRENCH
PROP. TREELINE
SEPTIC FIELD
75' BRL
60' BRL
LOT 765
3.36 AC.
190'
20x42 POOL
30' BRL
55'
LIMIT OF DISTURBANCE
DISTRIBUTION BOX
FENCE
EQUIP.
EX. WELL
NAIL IN OAK
REBAR FND.
QUEENSWAY DRIVE
50' R/W
N 518,500
E 834,500
1"=50'
4/3/90
proposed pool
location as shown



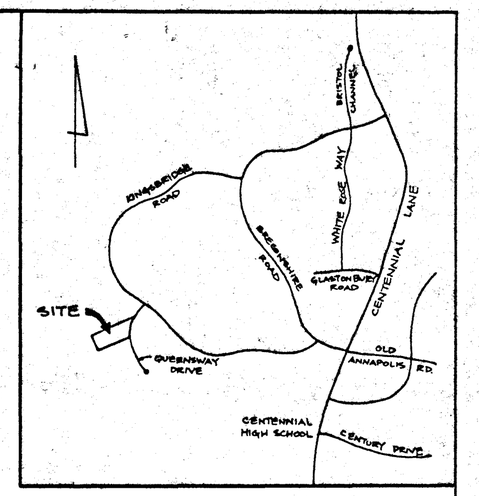
PLAN

SCALE: 1" = 50'

Plotted: May 3, 1999
Acad Dwg: 8091



PLAN
SCALE: 1" = 50'



VICINITY MAP
SCALE: 1" = 2000'

NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. ▨ THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM PREVIOUS PLAT PLAN PROVIDED BY CLIENT.
5. EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
6. ● DENOTES PERCOLATION TEST

APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Dixie Motter RN HM — COUNTY HEALTH OFFICER — 5/27/99 DATE

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ▲ ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644

PROJECT: BURLEIGH MANOR
SECTION 2 – LOT 765

LOCATION: TAX MAP 23 – GRID 24
PARCEL 290
2nd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: Signed PERCOLATION CERTIFICATION

DATE: MAY 25, 1999 — PROJECT NO. 1265

SCALE: AS SHOWN — DRAWING 1 OF 1

APPLICATION

A 38513

P

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT

DATE 1-28-87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ~~Roger Calvert~~ ~~Stewart J. Greenebaum - 484-5400~~ Gerald M. Katz, Trustee c/o Whitman, Requardt and Associates

ADDRESS 2315 Saint Paul Street, Baltimore, MD 21218 PHONE (301) 235-3450

PROSPECTIVE BUYER Philip & Mary Down 531-5437
12146 Mt. Albert Ct.

ADDRESS PHONE

PROPERTY LOCATION: LOT 676 on Prelim Plan

SUBDIVISION Burleigh Manor Section 2 LOT NO. 5

ROAD AND DESCRIPTION West of the intersection of Centennial Lane and Old Annapolis Road
(~~10417~~ Queensway Drive) E.C. 21042
(10410 " ")

BLDG. PERMIT SIGNED AND RETURNED 5-27-87
Serial # 50.11.7915 - 4 Bdrm

TAX MAP 23, 24 PARCEL = 290

SIZE OF LOT 3 Ac. TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Stan Sloan
(SIGNATURE OF APPLICANT)

APPROVED BY B Nelson FOR Deep system DATE 2/5/88

REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 3-26-87 Rec. satisfactory; hold for subdivision plat. SAS

BLDG. PERMIT SIGNED AND RETURNED 12/3/92
Serial # 46325 - Indoor Pool

BLDG. PERMIT SIGNED AND RETURNED 12/3/92
Serial # 46324 - Pool

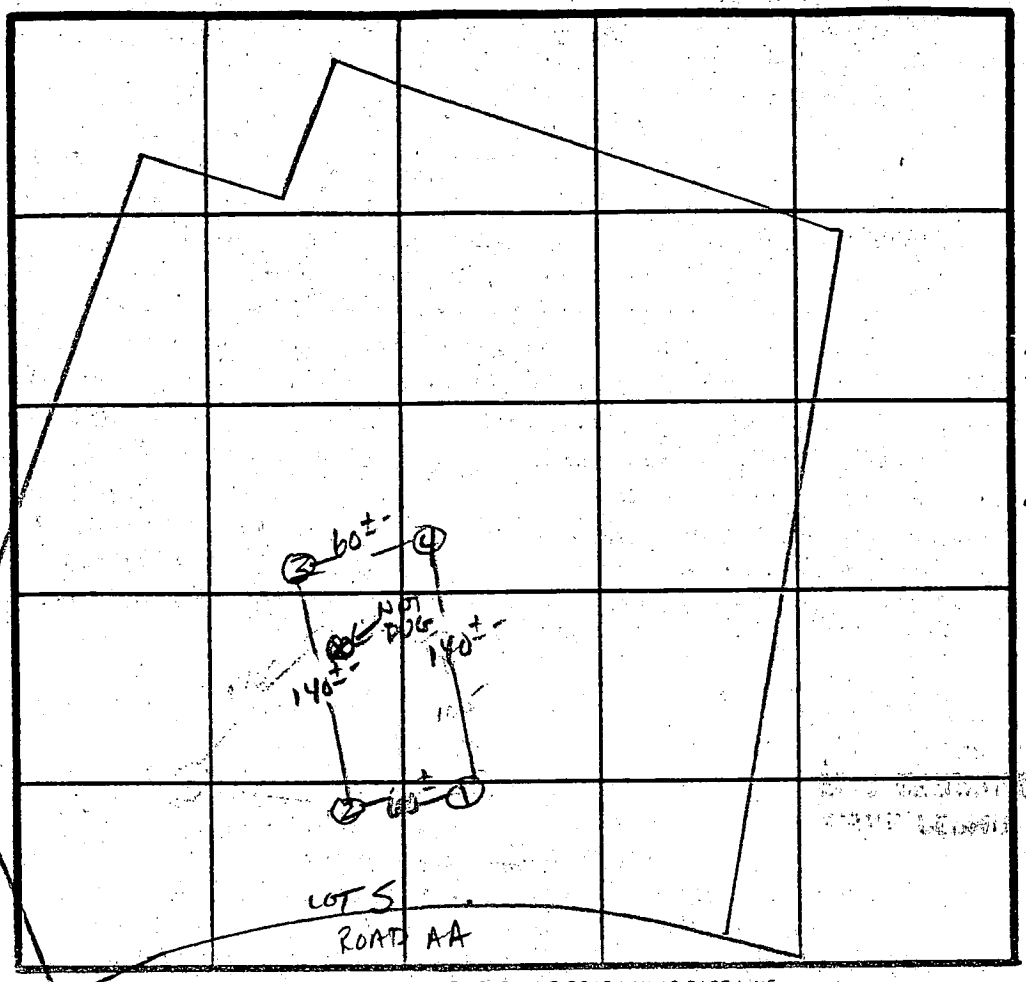
BLDG. PERMIT SIGNED AND RETURNED 9/20/89
Serial # 29424 - SFD
5 Bedrooms 46049 11-18-9

THIS IS NOT A PERMIT

④
① ② ③

SOIL PROFILE

0
4" A1-3
Yellow Red Silt Loam w/ 12% Clay Rock Small Gravel & Stone 15-25% Frags
4-5'
Yellow Br Silty Sand Loam 20-25% Frags
13-14



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

$\bar{X}$ = 15 min
INLET 4E
MAX D 8E
210 Ø / BDRM

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3/24/87	1V	13.5' Uniform soil below			4'		
	2 S V	5'	10:45	10:56	10:56	11:20	24 MIN
		13' Uniform soil below			4.5'		
	3 S V	4'	10:55	10:57	10:57	11:02	5 MIN
		13' Uniform soil below			4.0'		
	4 S M	4.5'	10:50	11:03	11:03	11:30	27 MIN
		9'	10:48	10:49	10:49	10:52	3 MIN
	4V	14' Uniform soil below			4'		

REMARKS Holes Per PLAT

TYPE OF SOIL Chester Gravelly Lm

TESTED BY S. Abel ALSO PRESENT Bill, Rocky

EH-12-10/79

5/8/92 - RAINOUT
10:00 AM
5/13/92

APPLICATION

A 48047

P

PERCOLATION TESTING

PREVIEW OIL,
PROPOSAL IS TO ADJUST PLATTED SEPTIC AREA.
NO NEARBY WELLS
-OPEN SPACE ACROSS STREET.
4/22/92 CW

DISTRICT

DATE 4/21/92

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER DAVID CARNEY

ADDRESS 3821 THOROUGHBRED LANE, OWINGS MILLS, MARYLAND 21117 PHONE 356-5647

~~PROSPECTIVE BUYER~~ AGENT N/A (SAME) MICHAEL LANCE

ADDRESS N/A 8965 GUILFORD RD. COLUMBIA 21046 PHONE ~~(SAME)~~ 720-5071

PROPERTY LOCATION:

SUBDIVISION THE PRESERVE (BURLEIGH MANOR) LOT NO. 677

ROAD AND DESCRIPTION 10410 QUEENSWAY DRIVE

TAX MAP 23 PARCEL # 290

SIZE OF LOT 3.36 ACRES

BLDG. PERMIT SIGNED AND RETURNED 6/30/94
Send # 43879 SINGLE FAMILY - 5 Bdrm
TYPE BLDG (SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS ~~NON-REFUNDABLE~~ UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Michael Lance

(SIGNATURE OF APPLICANT)

APPROVED BY CWellington FOR TRENCHES DATE 6/26/92

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING ~~FURTHER TESTS~~ PLAT CWellington DATE 5/13/92

REASONS FOR REJECTION OR HOLDING PERC PLAT OK 6/26/92 CW

BP SIGNED SAME DATE.

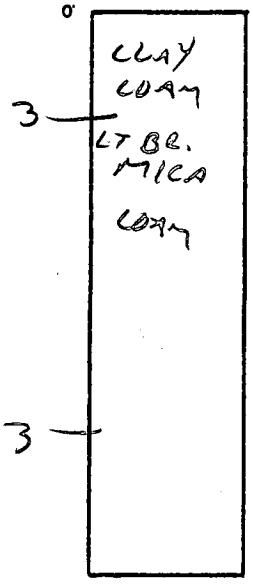
BLDG. PERMIT SIGNED AND RETURNED 6/22/92
Send # 43879 SFD
5 Bedroom

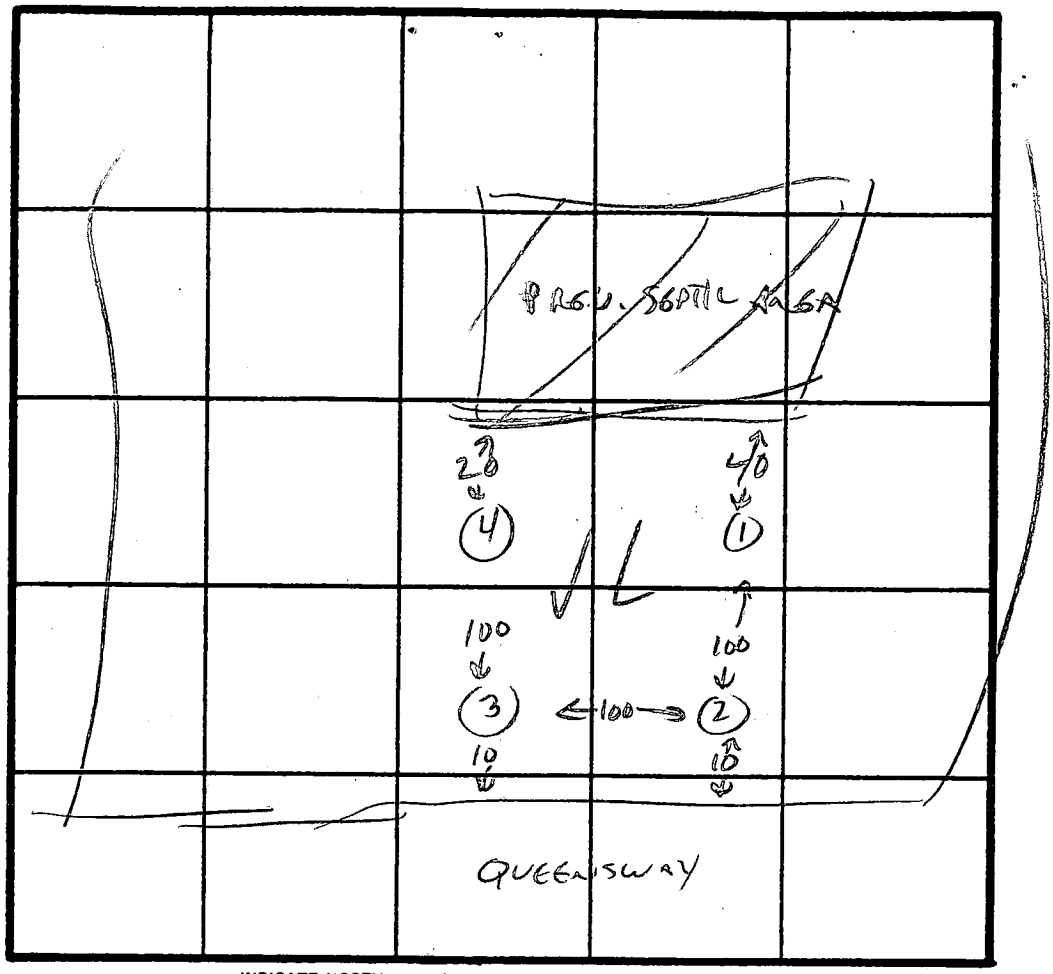
HD-216

THIS IS NOT A PERMIT

ALL HOLES

SOIL PROFILE





INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

$\bar{x}$ 3 MIN

4/80 ☑

INLET 3'

BOTTOM 8'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
5/13/92	1	3/9	10:38	10:39	10:39	10:41	2 MIN
		13		VIS	OK - LOAM		
	2	3/9		VIS OK LOAM			
		13					
	3	3/9	10:42	10:44	10:44	10:47	3 MIN
		13		VIS OK	LOAM		
	4	NOT DUG - ADJACENT TO PREVIOUS					OK

REMARKS _____

TYPE OF SOIL MICA LOAM

TESTED BY CW _____ ALSO PRESENT - BUILDER

APPLICATION

A 38514

P

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT

DATE 1-28-87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Gerald M. Katz, Trustee c/o Whitman, Requardt and Associates

ADDRESS 2315 Saint Paul Street, Baltimore, MD 21218 PHONE (301) 235-3450

PROSPECTIVE BUYER

ADDRESS PHONE

PROPERTY LOCATION: LOT 677 on Prelim

SUBDIVISION Burleigh Manor Section 2 LOT NO. 6

ROAD AND DESCRIPTION West of the intersection of Centennial Lane and Old Annapolis Road

TAX MAP 23, 24 PARCEL # 290

SIZE OF LOT 3 Ac. TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

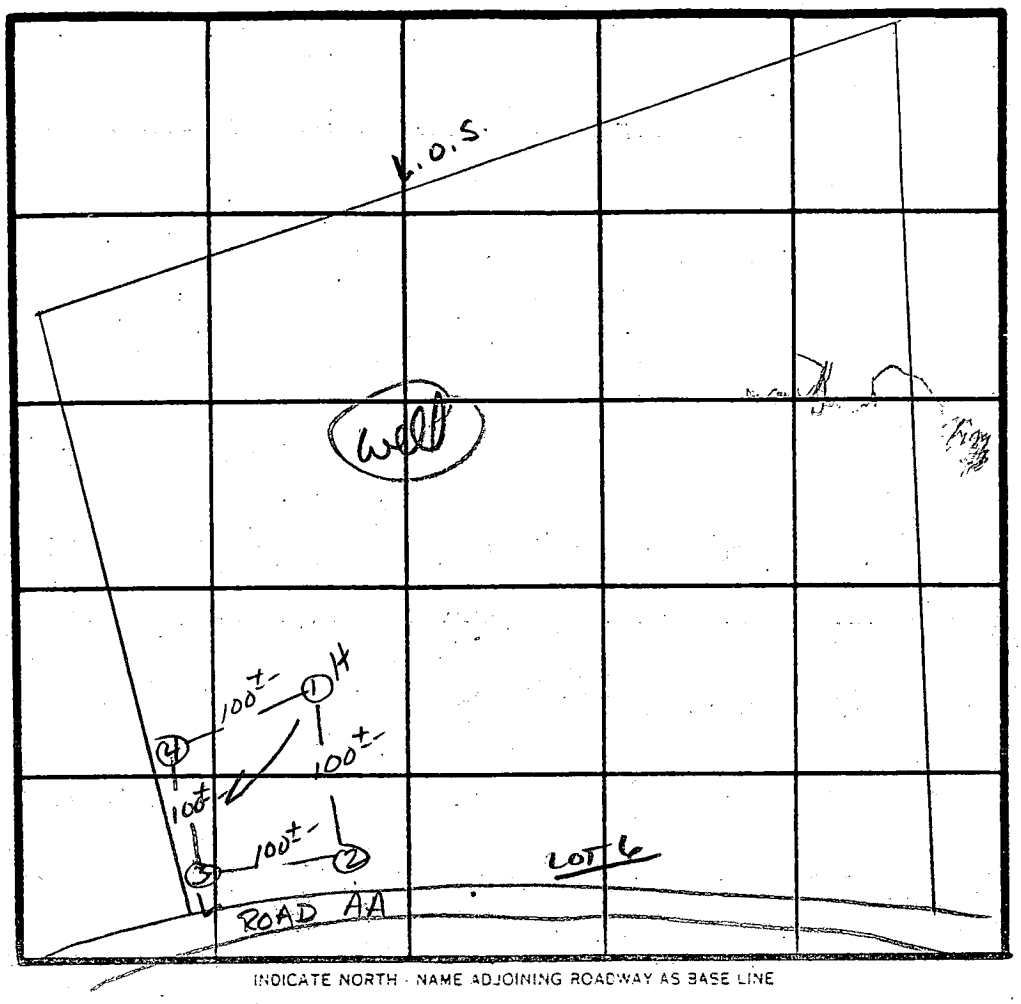
REASONS FOR REJECTION OR HOLDING 3-26-87 Perc satisfactory - hold for subdivision plat. SAbel

THIS IS NOT A PERMIT

① - ④

SOIL PROFILE

0	A1-3
6"	Yellow Red silt loam few small quartz stones 7-15% clay 15-25% frags
4-4.5'	Yellow Br sandy silt loam 20-25% frags
13'	



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

INLET 4'
MAX Ø
X = 11 MIN
Ø/BD
210

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3/26/87	1 S	5'	10:18	10:30	10:30	10:50	20 MIN
	1 M	8'	10:18	10:21	10:21	10:27	6 MIN
	1 V	13'	UNIFORM soil below 4.5				
	2 S	4.5'	10:27	10:30	10:30	10:37	7 MIN
	2 V	13'	UNIFORM soil below 4'				
	3 S	5'	10:26	10:31	10:31	10:43	12 MIN
	3 V	12.5'	UNIFORM soil below 4.5'				
	4 V	13'	UNIFORM soil below 4.5'				

REMARKS Holes Per Plat

TYPE OF SOIL Chesion Generally Lm

TESTED BY S. Abel

ALSO PRESENT Rocky Bill

EH-12-1079

EMERGENCY/TEMP NO. IF ANY

B 1 **5657** SEQUENCE NO. (DP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER HO-88-0744

fill in this form completely

Date Received (APA) 052389

OWNER INFORMATION

GREENBAUM ROSS ASS.
Last Name Owner First Name

1777 Reisterstown RD
Street or RFD

BALtimore MD 21208
Town State Zip

DRILLER INFORMATION

Driller's Name: Joseph P. Mayne License No. 938

Firm Name: Joseph L. Mayne Well Drilling

Address: 5512 Ridge RD. Mt. Airy MD

Signature: Joseph P. Mayne Date: 5/22/89

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) [circled]
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) | JETTED | Jetted & DRIVEN
AIR-ROTary [circled] | AIR-PERcussion | ROTARY (Hydraulic Rotary)
CABLE | REVerse-ROTary | DRive-POINT

other

REPLACEMENT OR DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL [circled]
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE MR WRITE INITIALS IN BOX PERMIT No. HO-88-0744

SPECIAL CONDITIONS

B 3 LOCATION OF WELL

COUNTY: Howard

SUBDIVISION: Brightwich Manor

SECTION 2 LOT 677

NEAREST TOWN: Ellicott City

MILES FROM TOWN (enter 0 if in town) 3½ MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX): W [circled]

NEAR WHAT ROAD: Queensway Dr.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N [circled]

DISTANCE FROM ROAD 370

ENTER FT or MI: FT

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

COUNTY NAME: Howard COUNTY NO. A38514

STATE SIGNATURE INSERT S

DATE ISSUED 061489 CO SIGNATURE Mark E. Rifkin EXP DATE 12/14/89

NORTH GRID 518000 EAST GRID 834000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

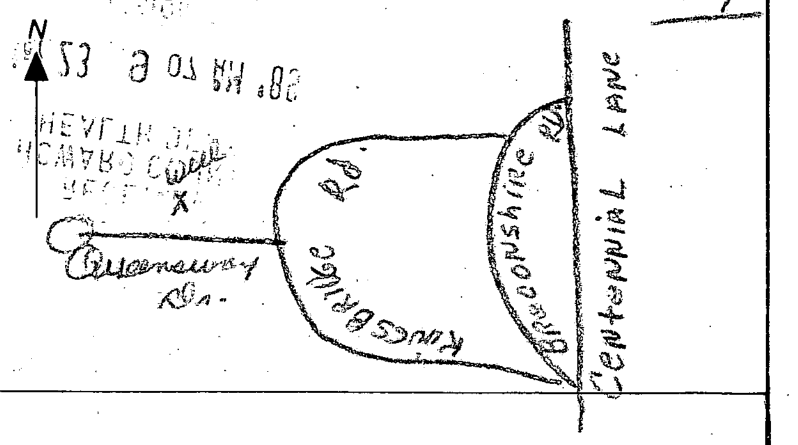
8:30 am Grout well 9-3-89
7/3/89 MR (X) ACCESS DIFFICULT
NOT GROUTED
9 BAGS MR
36' OPEN 9/5/89
40' CASING GROUT
1' CASING A.G. 9BAGS

SOURCES OF DRILLING WATER
1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 834
N 518

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



JUN 9 03 AM '89
HEALTH DEPT. HOWARD COUNTY

COUNTY

C 1 0056 SEQUENCE NO. (DENV USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A38514

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED 08 08 87

Depth of Well 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-88-0744

OWNER Greenhaven Assoc
last name first name
STREET OR RFD Queensway Dr TOWN Ellicott City
SUBDIVISION Ruxleigh Manor SECTION LOT 677

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Sand Stone	0	36	
Corny Mica Rock	36	185	

CIRCLE APPROPRIATE LETTER
- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
- E ELECTRIC LOG OBTAINED
- P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes (Y) no (N)
TYPE OF GROUTING MATERIAL
CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 9 NO. OF POUNDS 846
GALLONS OF WATER 54
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 36 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
- ST STEEL
- CO CONCRETE
- PL PLASTIC
- OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	40

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to
1			
2			

SCREEN RECORD
screen type or open hole — insert appropriate code below
- ST STEEL
- BR BRASS BRONZE
- HO OPEN HOLE
- PL PLASTIC
- OT OTHER

C 2

EACH SCREEN	DEPTH (nearest ft.)	
1	40	185
2		
3		

SLOT SIZE 1 ____ 2 ____ 3 ____
DIAMETER OF SCREEN ____ (NEAREST INCH)
from ____ to ____
GRAVEL PACK ____
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
TELESCORE CASING LOG INDICATOR OTHER DATA

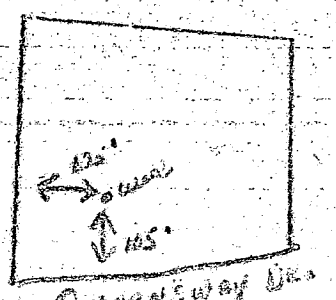
C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 10
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 27
WHEN PUMPING 48

TYPE OF PUMP USED (for test)
- A air
- P piston
- T turbine
- C centrifugal
- R rotary
- O other (describe below)
- J jet
- S submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height)
+ above / – below LAND SURFACE (nearest foot) 1

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



COUNTY